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PATENT *[Signature]*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant	:	Yu, et al.
Appl. No.	:	10/688,504
Filed	:	October 17, 2003
For	:	PHOTOCATALYTIC NANO- CRYSTALLINE TiO <sub>2</sub> THIN FILMS, METHOD FOR PREPARING THE SAME AND USE THEREOF
Examiner	:	Choi, Frank I.
Group Art Unit	:	1616

**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed **February 8, 2007**, please amend the above-identified patent application as follows.

**Amendments to the Claims** begin on page 2 of this paper

**Remarks/Arguments** begin on page 6 of this paper.